

Figure 4 (SEQ ID NO 4) - Continued

CATCTACGCC CACGCCAACT CCACCTGCGT CATGGGCTCG CGCATGCTCA ACGGCCTGGG
CGGCTCCGCC GACTTCCTGC GCTCCTCCAA GTACTCTATC ATGCACACCC CGTCCACCCG
CCCCCTCCAAG ACCGACCCGC ACGGCGTCTC GTGCATCGTT CCCATGTGCA CCCACATCGA
CCAGACTGAG CACGACCTCG ACGTCATCGT CACCGAGCAG GGCCTGGCCG ACGTGCGCGG
CCTGAGCCCC AGGGAGAGGG CCCGCGTCAT CATCAAGAAG TCGGCCACC CGGTCTACCA
GCCCATCCTG ACCCACTACT TTGAGAAGGC CGAGAGCGAC TGCCTACGCA AGGGCTGGGG
CCACGAGCCC CATCTGCTCT TCAACTCGTT TGACCTGCAC AAGGCCCTCG TGGAGCACGG
AAGCATGCAG AAGGTCGGGC AGTGGTAAGA TTGGCGAGAC GGGAGAGGCG TTGTTGTAGG
AGTTGGAAct AGAATCAGAT ATACAGCCTT TCATATATGT AGATAATGGA GCCATT

Figure 5 (SEQ ID NO 5) - Continued

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1981    AACCCAATGG AACACACAT ACGGGGTGGC TTTGGTTCAC GTTGCACTTT AAACTCGCAG
2041    ACGAGGGACC GACCTGCAGC GTGGCCCACT TCTGAAGCCT GCCCAGCTTT CTGCAAGACG
2101    CGGGCCATCG CGCTTGGCCG AGGAGAGAAA GGGTATCCAT GGCGACAAAG GCGGTCTTGG
2161    TGGGTTCGGT GCCGGCTTTG GAGTTCCTG GTCTGGGTGG GTGGCCAGCT GGATGCATGC
2221    ATTGGCCTGT ATCAAAGGTC CGGGATTCCC CAGGAGTATA AGACGTTTCG TCTGGGAGAT
2281    CTAGCGACGT GTTGGGAAAT ATCGGCCGTA GAGTGGGAAA AAGAACTGGC GGAAATATTT
2341    CTCCTTGGAC TCGGTCACAC TCAGTCAGTA GTGGACTGCC AGTCTATCAT ACACCTTTGA
2401    TATCAACATG ACTATCCTTA CAGGTGCCGA CGACGCCCTG TCATACCACA GGTATGTCTT
2461    CACAGCCTCT GGAAAGCGCA GTTGGGAGCT ATCTCTAACA TTACCACATC AGGCGCAATG
2521    GAAGCTCTGA TATCCCAAAA GGTGCCATCC ACCGCAACGG CTTGCGAGCC GCAGCCCCTG
2581    ACTGCTGGAT CCGGTCCGTG CTGTTTTCCG TGCACCAGAT GCTCAAGAGG TTCGGAAACG
2641    GATCTCACAC CGTCGTGGCG TCACTCGTAA CTTTCATCAGA GGGATGCCCT TCAACTTCGG
2701    CCTGGAGGGC CATCCCCTCC GTCATCCATC ATATAGAGGG CGGAGACAAC AACAACACAG
2761    TCGCCTCTGC CGTGGAACAG GCGGCGAATC TCCTGAACTC AGAAGGATCG GGACAGGACC
2821    TTCTGATTCC CATCGGACTC ACTGAGCTCG TCAAGTCGGA GCTGATTGAC CTCCTGGTCA
2881    TCTTCGACGA CGAGACAAAT AACATACGAC TGCCGCAGGA CTTCCCCTTT ATCCTGCGGA
2941    TACATCAGCG GCAAGACCAC TGGCAGCTGT CAGTCCGGTA TCCCTCGCCC CTTTTCGACA
3001    CCATGGTCAT CGACAGCTTT CTGAGCGCAC TTCACAACCT GTTGTCGCG GTGACAAAC
3061    CCTCCCAGCT CGTGCGCGAC ATCGAGCTGC TCCCAGAATA CCAGGTCGCT CAGCTGGAGA
3121    AGTGAACAA CACAGACGGC GACTACCCCA CCGAGAAGCG GCTACATCAT CTGTTTCGAGG
3181    AGGCAGCAGT GCGTCGTCCC CAACACGTTG CCCTCATCTG CCGCGACAAG CGCATCACCT
3241    ATGAGGAGTT GAATGCTATG GCGAATCGCC TGGCCCACCA TCTGGTATCC TCGGGTATCC
3301    AGACTGAGCA GCTCGTCGGT CTCTTCCTCG ACAAGACCGA GCTCATGATC GCTACTATTC
3361    TGGGCATCTG GAAATCTGGT GCCGCGCATG TACCTATCGA CCCTGGGTAC CCGGACGAGC
3421    GTGTCAAGTT CGTCCTGAAT GATACGAAGG CGCAAGTGGT CATTGCTAGT CAGAGGCACG
3481    TCGATCGACT GCGGGCTGAG GCTGTTGGCG GCCAGCATCT TCGCATCATC GGTCTCGAAT
3541    CTCTGTTTGA CAACCTTGCT CAACAGACAC AACACTCACC AGAGACGTCG GGCAATTGTA
3601    CCCATCTGCC CCTGAACAGC AAACAGCTTG CGTACGTGAC ATACACCTCG GGCACCACGG
3661    GCTTCCCGAA AGGCATCTAC AAGGAGCACA CAAGCGTCGT TAACAGCATC ACCGATCTGT
3721    CTGCTCGGTA CCGGTGTGGC GGGGAGGACG ACGAGGTGAT ACTCGTCTTC TCCGCTACG
3781    TCTTCGAGCC ATTCGTGCGC CAGATGCTCA TGGCCCTGAC CACGGGCAAC TCTCTCGCCA
3841    TCATCAGCGA CGAGGACAAG TTCGACCCTG ACACCCTTAT TCCCTTCATC CAAAAACACA
3901    AAGTCACTTA CATCCACGCC ACCTCGTCAG TGTTGCAGGA GTACGACTTC GGGTCCTGCC
3961    CCTCGTTGAA ACGCATGATT CTGGTGGGAG AGAACTTGAC AGAGCCGCGC TACGAGGCCC
4021    TGAGGCAGCG CTTCAAGTCG CGCATCTGA ATGAATATGG CTTACCGAG TCTGCGTTTG
4081    TGACGGCGCT CAACATATTC GAGCCTACCT CACAGAGGAA GGACATGAGT CTGGGAAGGC
4141    CGGTGCACAA CGTCAAGTGC TATATCTTGG ATGCCAACCT CAAGAGAGTC CCCATCGGTG
4201    TTACAGGGGA GCTGCACATC GGTGGCTTGG GTATATCCCG GGGGTACATG AATAGGGAGG
4261    AGCTCACAAG GCAGAAGTTC CTCCCGAACC CCTACCAGAC CGATAAGGAG CGCCAACGGG
4321    GTGTCAACTC AACCATGTAC AAGACAGGAG ATCTGSCCCG CTGGCTACCC AGTGGCGAAG
4381    TCGAGTATCT CGGCCGTGCC GACTTCAGA TCAAGCTGCG CGGCATTGCA ATTGAGCCCC

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Figure 5 (SEQ ID NO 5) - Continued

4441	GCGAGATCGA	GTCCACTCTC	GCCATGTATC	CCGGAATCAG	GGCCAGCATC	GTCGTGTCAA
4501	AGAAGCTTCT	CAGTCAGGGG	CAGGAGACGA	TCCAAGACCA	CCTTGTGGGG	TACTATGTTT
4561	GCGATGAGGG	CCACATCCCC	GAGGGTGACC	TGCTGAGCTT	CCTGGAGAAG	AAGCTACCTC
4621	GGTACATGGT	CCCGACGCGC	CTTGTCCAAC	TGGCTCAGAT	TCCAACCAAT	ATCAACGGCA
4681	AGGCGGATCT	GCGTGCTCTT	CCTGCCGTCG	AAGTCGCCGT	AGCTCCCACC	CACAAGCAGG
4741	ATGGCGAGCG	AGGAAACCAG	CTGGAGAGCG	ACCTGGCTGC	CATATGGGGC	AACATTTTGA
4801	GTGTTCCCGC	TCAAGACATT	GGGTCTGAAT	CCAACTTCTT	CCGCCTGGGT	GGCCACAGTA
4861	TTGCATGCAT	CCAGCTCATT	GCTCGTGTGC	GACAGCAGCT	AGGCCAGGGG	ATTACCCTCG
4921	AGGAGGTCTT	CCAGACCAAG	ACGTTGCGAG	CTATGGCTGC	CCTCTTGTGC	GAAAAGTACA
4981	CGAAGGCGTC	GAATGGGACG	AACGGAGTGA	CCAACGGCAC	TGCTCACGTC	AACGGCCACG
5041	CAGCGAACGG	CCATGTCAGC	GACAGCTACG	TGGCCAGCAG	TTTGCAGCAA	GGCTTTGTTT
5101	ACCATTCACT	CAAGAACGAA	CTGTCCSAGG	CGTACACCAT	GCAATCCATG	ATCCACTATG
5161	GTGTGCCCCCT	GAAACGGGAT	ATTTACCAAG	CGGCATGGCA	GAGGGTACAG	GGGGAGCACC
5221	CTGCACTGCG	GCTTCGGTTC	ACATGGGAGG	CCGAAGTGAT	GCAGATCGTG	GACCCGAAAT
5281	CTGAACTCGA	CTGGCGTGTT	GTTGACTGGA	CCGATGTTTC	GAGCCGGGAG	AAGCAGCTGG
5341	TTGCGCTGGA	GCAACTCCAA	ACGGAGGACC	TTGCTAAGGT	CTACCATCTC	GATAAGGGGC
5401	CCCTTATGCG	ACTATACCTC	ATCCTGCTTC	CGGACTCAA	GTACTCCTGT	CTGTTTCACT
5461	GCCACCATGC	CATTCTCGAT	GGGTGGAGTC	TGCCCCTGCT	CTTCAACAAT	GTCCACCAGG
5521	CCTACCTCGA	TCTCGTCGAA	GGCACTGCTT	CGCCCCTCGA	GCAGGACGCT	ACCTACCTAC
5581	TCGGCCAGCA	GTACCTGCAG	AGCCACAGGG	ACGACCATCT	CGACTTCTGG	GCCGAGCAGA
5641	TCGGCAGGAT	CGAAGAGCGC	TGCGACATGA	ATGCGCTGCT	GAATGAGGCC	AGCCGATACA
5701	AGGTGCCCTT	GGCCGACTAT	GACCAAGTCC	GCGAGCAGAG	GCAGCAGACC	ATCAGTCTGC
5761	CCTGGAACAA	CTCCATGGAC	GCTGGTGTCG	GGGAAGAACT	CTCCAGTCGT	GGCATCACCC
5821	TTCATTCCAT	TCTACAGACG	GTCTGGCACC	TGGTCCTCCA	CTCTTATGGA	GGAGGCACCC
5881	ACACGATCAC	CGGCACCACC	ATCTCCGGCC	GTCACCTGCC	CGTCCCCGGA	ATTGAGCGCT
5941	CTGTTGGTCT	CTTCATCAAC	ACACTCCCTA	TGATCTTTGA	TCACACCGTC	TGCCAGGATA
6001	TGACAGCGCT	CGAGGCCATT	GAGCATGTCC	AAGGCCAAGT	CAACGCCATG	AACTCCCGGG
6061	GCAACGTCGA	GCTCGGACGC	ATGAGCAAGA	ACGACCTCAA	GCACGGGCTC	TTGACACCCC
6121	TCTTCGTCTT	CGAGAACTAC	CCAAACCTCG	ACACGGAGCA	GCGGGAGAAG	CACGAGGAGA
6181	AGCTCAAGTT	CACCATCAAG	GGTGGCACGG	AGAAGCTCAG	TTACCCGCTG	GCCGTGATTG
6241	CCCAAGAGGA	CGGCGACAGC	GGATGCTCGT	TTACGCTCTG	CTATGCGGGC	GAGCTCTTCA
6301	CGGATGAGTC	CATCCAGGCG	CTCCTGSACA	CTGTCCGGGA	CACCCTGAGT	GATATTCTCG
6361	GGAACATCCA	TGCCCCATATC	CGCAACATGG	AGTACCTCTC	CTCGAACCAG	ACGGCGCAGC
6421	TCGACAAGTG	GAATGCCACC	GCCTTCGAGT	ACCCCAACAC	CACACTGCAC	GCCATGTTTCG
6481	AGTCCGAGGC	GCAGCAGAAG	CCGGACAAGG	TGGCCGTGGT	GTACGAGGAT	ATCAGGCTGA
6541	CCTACCGCGA	GCTCAACAGC	CGTGCCAATG	CCCTGGCGTT	CTACCTCCTC	TCCCAGGCGG
6601	CTATCCAACC	GAACAAGCTG	GTCGGGCTGA	TCATGGACAA	GAGCGAGCAC	ATGATCACGA
6661	GCATCCTCGC	GGTCTGGAAA	ACGGGTGGAG	CCTACGTCCC	GATCGACCCT	CGATACCCCTG
6721	ACCAGCGTAT	CCAGTATATC	CTGGAGGATA	CGGCGGCTCT	CGCAGTCATC	ACGGACAGTC
6781	CTCATATTGA	CCGTCTGCGC	AGCATCACCA	ACAACCGCCT	TCCTGTTATC	CAGTCGGACT
6841	TTGCTCTCCA	ACTCCCGCCC	AGCCCASTTC	ATCCCGTCTC	AAACTGCAAG	CCAAGCGACC

Figure 5 (SEQ ID NO 5) - Continued

6901	TCGCCTACAT	CATGTACACA	TCCGGCACCA	CTGGCAACCC	CAAGGGTGTC	ATGGTGTAGC
6961	ACCACGGTGT	AGTGAATCTG	TGCGTTTCAC	TCTGCCGGCT	CTTCGGCCTT	CGGAACACAG
7021	ATGACGAGGT	CATCCTCTCG	TTCTCGAACT	ACGTCTTCGA	CCACTTTGTC	GAGCAGATGA
7081	CGGATGCCCT	TCTCAACGGT	CAGACTCTTG	TGGTCCTCAA	CGACGAGATG	CGTGGCGACA
7141	AGGAGAGGCT	TTACAGATAC	ATCGAGACCA	ACCGCGTCAC	GTACCTCTCG	GGGACACCTT
7201	CCGTCACTCT	CATGTACGAG	TTGACCCGGT	TCCGCGACCA	CCTGCGGGCG	GTGGATTGCG
7261	TGGCGGAGGC	CTTCAGCGAG	CCGGTATTCT	ACAAGATCCG	CGAGACGTTT	CCGGGTCTCA
7321	TCATCAACGG	TTATGGCCCC	ACTGAGGTGT	CTATCACTAC	CCACAAGCGC	CCCTACCCGT
7381	TCCCGGAGCG	CCGCACAGAC	AAGAGCATCG	GTTGCCAGCT	GGACAACAGC	ACGAGCTACG
7441	TCCTCAACGA	TGACATGAAG	CGCGTGCCCA	TCGGGGCCGT	GGGAGAGCTG	TACCTTGGTG
7501	GCGATGGCGT	CGCTCGCGGA	TACCACAACC	GGCCAGACCT	GACGGCTGAC	CGGTTCCCTG
7561	CCAACCCCTT	CCAGACGGAG	CAGGAGAGAC	TTGAGGGCCG	AAATGCGCGT	CTGTATAAGA
7621	CTGGTGACTT	GGTTCGCTGG	ATCCACAATG	CAAACGGCGA	TGGTGAGATC	GAGTACCTCG
7681	GCCGCAACGA	CTTCCAGGTC	AAGATTCGAG	GCCAGAGAAT	CGAGCTGGGA	GAGATCGAGG
7741	CCGTGCTTTT	ATCCTATCCG	GGCATCAAAC	AATCCGTCGT	CCTGGCCAAG	GACCGCAAGA
7801	ATGACGGGCA	GAAGTACCTC	GTCGGCTACT	TCGTCTCCTC	AGCAGGGTCC	CTGTCCGCCC
7861	AGGCCATCCG	CCGCTTCATG	CTCACGAGCC	TGCCCCATTA	CATGGTTCTT	GCGCAGCTGG
7921	TGCCCATCGC	CAAGTTCCCC	GTCACCGTGA	GCGGGAAGCT	CGATGCCAAG	GCCTTGCCCC
7981	TGCCAGACGA	TACAGTCGAG	GATGACATTG	TGCCACCGCG	TACCGAGGTT	GAGCGCATCC
8041	TAGCTGGGAT	CTGGTCTGAG	CTGTTGGAGA	TACCGGTCGA	CAGGATCAGC	ATCTACAGTG
8101	ACTTCTTCAG	TCTGGGCGGC	GACAGTCTCA	AGAGTACCAA	GCTGTCTCTT	GCTGCCACGC
8161	GGGCTCTCGG	TGTGGCCGTC	AGTGTCCGCA	ACTTGTTTCAG	CCATCCGACT	ATCGAAGCCT
8221	TGTCTCAGTG	GATTATCAGG	GGTTCGAACG	AGGTCAAGGA	TGTGGCTGTG	GTGAAGGGCG
8281	GTGCCAGTCT	TGATATCCCC	CTATCCCCTG	CCCAGGAAAG	ACTCATGTTC	ATCCACGAGT
8341	TCGGCCATAG	CGGCGAGGAT	ACTGGTGCTT	ACAATGTGCC	TTTGCAGCTG	CAGCTTCACC
8401	ATGATGTCTG	TCTCGAGTCG	CTTGAGAAGG	CTCTGCGGGA	TGTCGTCTCG	AGACACGAGG
8461	CTCTCCGGAC	CTTGATCACC	AGGACCCAGA	AGTCTCTCCG	GCACTGCCAG	AAGATCCTCG
8521	ACGCCGAAGA	AGCGCAAAAG	CTCTTCTCTG	TTGATGTTCT	GCGCCTGACC	TCGGAGACGG
8581	AGATGCAGGG	CAGGATGGCC	GAGAGTACCG	CCCACGCCCT	CAAGCTCGAC	GAGGAAGTCC
8641	CGATTTCATG	ACGCCTGTAC	CAGGTTGTAC	GTGATGGCCG	CACGCTCAGC	TTTGCCAGCA
8701	TCGTCTGCCA	CCATCTGGCG	TTTGACGCGT	GGTCATGGGA	TGTGTTCCAG	AGGGACTTGG
8761	ACGCCTTCTA	TGCCGTCCAT	ACGAAGCACA	AGGCTGCCGC	CAACCTGCCA	ACCCTCCGCG
8821	TGCAATATAA	GGAGTATGCG	ATAGAGCACC	GCCGGGCTCT	CCGCGCTGAG	CAACACCGTG
8881	TTCTCGCGGA	CTACTGGCTG	CGCAAGCTCA	GTGACATGGA	GGCGTCTTAT	CTGGTCCCCG
8941	ATCGCCCTCG	ACCGGCGCAG	TTTGACTATA	CCGGGAACGA	TCTCCAGTTC	TCAACTACTC
9001	CCGAGACCAG	CGCGCAGTTG	AAGGAGCTGG	CCAAGCGCGA	GGGTTCAGGC	CTCTACACCG
9061	TTGTGGCGGC	GGCGTACTTT	CTGCTTCTCT	ACGTGTACAC	CAACCAGCGG	GATATCACGA
9121	TTGGTATTCC	CGTTGCGCAC	CGTAACCATC	CGGACTTTGA	GTCGGTTGTC	GGCTTCTTTG
9181	TCAACTTGCT	CCCTCTGCGG	GTCAACGTGT	CTCAGTCGGA	CATTCATGGA	CTTATCCAGG
9241	CAGTGACAGAA	AGAGCTTGTC	GATGCCCAGA	TCCATCAGGA	CTTGCCATTC	CAGGAGATCA
9301	CCAAGCTTCT	TCATGTGCAG	CACGATCCAA	GCCGCCATCC	CCTTCTCCAG	GCCGTGTTCA

Figure 5 (SEQ ID NO 5) - Continued

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9361    ACTGGGAAAA CGTACCCGCC AATGTCCACG AGGAGCAGCT GCTTCAGGAG TACAAGCCGC
9421    CCTCGCCTCT GCCTTCGGCG GCCAAGTTTG ATCTCAACGT CACGGTGAAA GAGAGCGTCA
9481    ATTGCGTCAA CGTCAACTTC AACTATCCTA CCAGCCTCTT CGAGGAGGAG ACCGTTCAGG
9541    GGTTTCATGGA AACCTTCCAT CTCCTTCTTC GACAACTGGC CCACAACAAG GCTAGCACAA
9601    GCCTCTCGAA GCTGTCGGTT GAAGATGGAG TGTGAATCC AGAGCCGACT AACCTTCAGC
9661    CCTCAAGCCG GGACAGCGGA AATTCACTCC ATGGGCTCTT CGAGGACATC GTGGCCTCGA
9721    CCCCAGACCG CATCGCAATT GCTGACGGCA CCAGGAGTCT CTCGTACTCC GAACTCAACG
9781    AGCGGGCAAA CCAGCTGGTA CATTTGATCA TCTCTTCTGC CAGTATTGTA GCAGACGACC
9841    GCATCGCTCT TCTTTGGAC AAGAGCATCG ATATGGTGAT TGCTCTCTCG GCAGTTTGGG
9901    AGGCCGGTGC CGCATATGTG CCCCTTGACC CGACATATCC GTCGCAGAGG ACTGAGCTCA
9961    TCTTGAGGGA ATCTAGTGCC AGGACGCTCA TCACCACTAG AAAGCACACG CCGAGGGGAG
10021   GAACAGTCGC AAATGTTCCA TCCGTGGTCC TTGACAGCCC CGAGACCCTA GCCTGCCTCA
10081   ACCAGCAGTC AAAGGAAAAC CCGACAACGT CAACGCAGAA ACCGTCCGAC CTCGCATATG
10141   TCATCTTCAC CTCGGGAACC ACAGGCAAGC CCAAGGGGGT TCTGGTGGAG CACCAGAGCG
10201   TAGTCCAGCT GCGCAATTCC CTCATCGAGC GATACTTCGG CGAGACCAAC GGGTCTCAGC
10261   CCGTGCTCTT CCTGTCCAAC TACGTCTTCG ACTTCTCTCT TGAACAGCTC TGTCTCTCAG
10321   TCTTGGGTGG AAACAAGCTC ATCATTCAC CAGAGGAGGG TCTCACGCAC GAGGCATTCT
10381   ACGACATCGG CCGCAGGGAG AAGCTATCCT ATCTCAGCGG GACGCCCTCG GTGCTGCAGC
10441   AGATTGAGCT CTCCCGTCTG CCGCATCTTC ACATGGTCAC CGCTGCGGGC GAGGAGTTCC
10501   ACGCTAGTCA GTTTGAGAAG ATGCGCTCCC AGTTCGCGGG CCAGATCAAC AACGCCTATG
10561   GTATCACTGA GACGACCGTG TACAACATCA TCACCACGTT CAAGGGCGAT GCCCCCTTTA
10621   CCAAGGCACT CTGCCACGGG ATCCCCGAA GTCACGTCTA CGTCCTGAAC GACCGACTTC
10681   AGCGTGTTCC TTCAACGCT GTTGGCGAGC TCTACTTGGG CGGTGACTGC CTTGCTCGCG
10741   GGTACCTCAA CCAGGATGCC CTGACCAACG ACGGATTCAT CCCCACCCT TTCTACGAGC
10801   CGAAACAGGC AAGTGACAGT CGTCCCAGA GACTCTACAA GACTGGAGAT CTGGTGCGCT
10861   TCCGTGGACC CCACCATCTC GAGTATCTCG GCCGCAAGGA CCAGCAGGTC AAGCTGAGGG
10921   GCTTCCGCAT CGAGCTCTCC GAGGTGCGGG ATGCCGTCTT AGCCATCTCT GCTGTAAAGG
10981   AGGCTGCCGT CATCCCCAAG TATGACGAGG ATGGCTCCGA TTCACGAAGG GTCAGCGCCA
11041   TCGTCTGCTA CTACACGCTC AACGCCGAA CTGTGTGCGA AGCATCGAGT ATCCGTGACC
11101   ACCTGCACGC CAACCTTCCC CCGTACATGG TCCCAAGTCA GATCCACCAG TTGGAGGGAT
11161   CTCTCCCCGT GACCGTCAAT GGAAGCTCG ACCTGAACAG GCTCTCCACA ACTCAAGTCT
11221   CGCAGCCAGA GCTTTACACC GCTCCACGAA ATTCGACAGA GGAAACCTTG TGCCAGCTTT
11281   GGGCATCTCT CTAGGCGTC GACCACTCG GCATTGACGA CGACCTGTTT GCCCGAGGCG
11341   GCGACAGCAT CTCCTCTCTC CGACTAGTGG GTGACATCTA CCGCGCGCTA GGACGCAAGG
11401   TCACCGTCAA GGACATCTAC CTCCACCGCA GCGTCCGAGC CCTAAGCGAA AATGTCTGA
11461   CCGACCAGAA GGATAAGGGT ACTCTGCCAG CGTCTCCTCC CCTCCAGCGA GCGGAGCAGG
11521   GCCAGGTTGA GGGCGACGCA CCGCTTCTCC CCATCCAGGA CTGGTTCTTT TCCAAGCCCC
11581   TGGATAACCC CGCTTACTGG AACCCTGCT TCACCATTCG AACCGGGGCA CTCTCCGTCG
11641   AAGGECTCCG GGGTGCTCTG AAGCTGCTGC AGGAGCGCCA GCACGTGCTG CGTCTGAGAC
11701   TGCAACGCCG GGACGAAGGT CGCCATGTTT AGACCTTTGC GCGTGACTGC GCGCAACCTC
11761   GCTTGACTGT GCTAGACCGA CGAAGCTTCG AGGACGCAGA GGATGTACAG GAGGCTCTCT

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Figure 5 (SEQ ID NO 5) - Continued

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11821   GCGAGATCCA ATCTCATTTT GACCTCGAGA ATGGACCCCT CTACACAGTG GCGTACATCC
11881   ACGGTTACGA GGACGGCTCC GCCCGAGTGT GGTTTGCTTG CCATCACGTC ATGGTTCGACA
11941   CTGTGAGCTG GAACATTATA CTGCAAGACC TGCAGGCTCT CTATCATGGA GACAGCCTTG
12001   GTCCCAAGAG CAGCAGCGTG CAGCAGTGGT CGCTAGCTGT CAGCGACTAC AAAATGCCAC
12061   TGTCGGAGAG GGCGCATTTG AATGTGCTCA GGAAGACAGT CGCCAGAGC TTCGAGACCC
12121   TGCCTATCTG CATGGGCGGC GTGTCCAGT GCCAGGAGAA GTTCTCGAGG GAAACGACAA
12181   CAGCTCTGCT CTCCAAGGCC TGCCCTTCCT TGGACTCCGG TATGCATGAG ATCCTTCTCA
12241   TGGCCGTGGG CTCCGCGCTG CAGAAGGCGG CAGGGGATGT CCCTCAGGTC GTCACGATAG
12301   AGGGTCACGG GCGCGAAGAT ACTATCGACG CAACTCTGGA CGTCAGCCGG ACAGTCGGCT
12361   GGTTACAGAG CATGTACCCC TTCGAGATCC CCAAAGTGAC CGACCCGCT CAGGGCGTCG
12421   TCGATGTCAA GGAGGCGATG CGTCGCGTGC CGAATAGGGG TGTCGGTTAC GGTCACGCCT
12481   ACGGATACGG CGGATCGTCG CTGCCCAGGG TGAGCTTCAA CTACCTTGGT CGCCTGGACC
12541   AGGCTTCCTC GGGGGCTCAA AGGGACTGGA CGCTGGTCAT GGATGAAGAC GAGTATCCGG
12601   TCGGACTGTG CACCAGCGCT GAGGACTCGG GACGAAGCTC CTCCATGGTG GATTTCACCT
12661   TCTCTATCTC TGGCGGCCAG CTTGTATGAG ATATGAGTAG CAGCTGGGGC CACGGCGCAG
12721   CAAATGAATT CGTTCGCACA GTTCGTAACA CACTAGATGA CTTGATCAAA ACAACGAGCA
12781   GCAGGGACTT CAGCGCACCT CTGCCTCCGT CGGATCAGGA GTCCAGCTTC ACCCCTTATT
12841   TTGCTTCGA AGAGGGCGAG CGACACGGCG CTCCGCTCTT CCTGCTCCCA CCTGGCGAAG
12901   GCGGAGCGGA GAGCTACTTC CACAACATTG TCAAGGGTCT CCCGAACCGC AATCTTGTCTG
12961   TGTTCAACAA TCATTACCGC GAGGAGAAGA CGCTCCGAC CATCGAGGCG CTGGCCGAGT
13021   ACTACCTGTC GCACATCCGA TCCATCCAGC CGGAGGGGCC ATACCACATC CTCGGCTGGA
13081   GTTTCGGAGG CATCCTCGGT CTCGAGGCGG CAAAGCGATT GACTGGCGAG GGTCACAAGA
13141   TTGCCACGCT GGCACCTATC GATCCGTACT TTGACATCCC GTCCGCGTCC AAGGCCATCG
13201   GCCAACCTGA CGATGCCTGC GTCTTGACC CCATATACCA CGTCTACCAC CCGTCGCCGG
13261   AGAGCTTACG GACGGTGCTA TCTCTACTA ATCACATAGC CCTGTTCAAG GCTACCGAGA
13321   CGAATGACCA GCATGGCAAT GCCACGCAGC AGGCCCTGTA TGAGTGGTTT GCCACGTGCC
13381   CTTTGAACAA CCTGGACAAG TTTTGGCGG CCGACACGAT CAAGGTGGTT CCTCTGGAGG
13441   GTACACATTT TACCTGGGTG CACCACCCGG AGCAGGTGCG CTCAATGTGC ACTATGCTGG
13501   ATGAATGGCT TGGGTGAACG AGGCAGTTGC TGTGAGAGAA TGAGAATGAG ACACAAAACG
13561   CGGGCGGAAG AGAGACTTCC TCGGACGGCG GGTTCCGCC GACGAGTGAT GACCTGGTCC
13621   CAGGGGTCTG GTGATATTTT CTCCTGAATG TGTGAGGATA TTAGTGGTTT TTTCTGCCG
13681   TTAGAGACGT ATTTAGTAAG CTCTGGAGTT TGGAGTCATT ATTTTCCTGA ATGGTCTTCT
13741   TCTGTAGTAA TAAACTAGCA GAGCGGATTA TATATATATA TATATATATG TATTTGGCTG
13801   GTATTGCTAT GCGTGTTCCT ATGTGAATTG GTATATGTAT AAGTATGTCT ACCTTACTGC
13861   ATCTGTAAAT TCTTATGTAC TGCTACATGA GTTGCTACGG TTATTGCGAC GTGATGCGTG
13921   TAGTCGAAGT TATTGTACCT ATTGCGTGTA CTATGCTCCC CTCTCTTTT TACTATATCT
13981   CGGTGTAGTA CAAACAAAAC GACGTAGGGG AAGTGGGGAA GAAGTTGAAC GAGTATAGAC
14041   TCCCCGAGCA ATGAATCAGT ACATTATATA TACTGTTTCT TCTCTCTCAT GACTTGGTAC
14101   GTGGGAAGTT CCCAACATCT AACCTGTCCA ACCCTCCGAC CAGAAAGCTG TCCAACAATG
14161   TCGTCCAACG CTCCAGCTC CCCAAGTATC ATCCATGGCA CCGAAGGAGC CGCATCATCA
14221   ACTGAAAGGC ATCATCTTTG GACTATCGCA CCGGATAAT TCTATACGAC ATCCAAGTTG

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Replacement Sheet

Figure 5 (SEQ ID NO 5) - Continued

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14281  AATTGTCTGA  GCCTCAGGTC  AGGATCCCAG  GCGTCAATCT  TGGCAGGGGA  TAGTGAAACC
14341  TTGAAACAAG  GCATGCGGGC  ATTGCGGGCA  TTAGGCTCGC  ATAGAGAGGG  GGGGTTCCAG
14401  ACCGAGAGAT  ATGCGTGCAG  GGCCACGATA  TTGGTGCGCC  CAATTACTAG  CATAAAATAC
14461  TAATACAAAT  GCAGGCAACC  GAAGGGGATT  ATTCATAAAT  GCCTTGGGTG  CATGGCAACT
14521  CGAAAAGTTG  GGAATGTGG  CAGGAGCGCC  CAAGCATATT  CACTCGTCAA  GAGTCGTCAT
14581  CACCACCCCC  GCCACCTTC  CTATCTTATT  TCCTCCTCCT  TCAGATCGTA  CGACACTCAT
14641  CTTCCCTCGT  CTCTTTTCCA  TCGTCGTCAT  CAACAAAAGT  CATCTGGCTC  GTCTCCATCC
14701  GAAACACCTA  CTAGTAGCTA  TTAGTCACTC  ACTATGAGAC  TCTCCTTCTT  CGCGCCAAAC
14761  CGTACGATAA  AAAGTCCTTT  GGCCTCGCCC  ACGCCGCCAG  GGATCCGCCG  TCACCCGTCA
14821  CGATAACCTA  CCACGACATC  CCCCTCAATG  AGGACACCGT  CTCCACGGTT  AGGGACGCCG
14881  ATGCCGTCTG  CGCCTTCGTA  AATGACTCCC  TCTCCGCTCA  CGTCATCGAG  ACCCTCGCCA
14941  GGCAGGGTGT  CAAGGCCATC  CTCCTCCGCT  GCGCCGGCTT  CAATCACGTC  GACCTCGCCG
15001  CCGCCGCCCG  ACACGGCATC  ATGGTCGCCA  ACGTGCCGTC  GTACTCGCCA  GAGGCCGTG
15061  CCGAGTTCGC  GGTAGCCCTG  ATCCAGACAC  TCAACCGCAA  CACCCACCGC  GCCTACAACC
15121  GCGTGCGCGA  GGGCAACTTT  GCCCTCCACG  GCCTCCTGGG  TAAGACTCTG  CACGGCAAGA
15181  CGGTCGGGCT  AGTGGGCGTG  GGCAAGATCG  GCTTGGCCAC  GGCGAGGATC  ATGAAGGGCT
15241  TCGGGTGCCG  CGTCCTTGCT  AGCGACCCAT  TTCCCTCGCC  TCGGTTTGAG  GAGTACGGCG
15301  AGTACAAGGA  CCTGGACACG  TTGCTGTCCG  AGTCGGATAT  TGTCAGCCTC  CACTGTCCCC
15361  TCATGGACAA  CACGCGGCAC  ATCATCAACG  GCGACACAAT  CGCCAAGATG  AAAAAGGGTG
15421  TCCTCCTCAT  CAACACGTCC  CGCGGTSGCC  TTGTGGACAC  CCGTGCAGTC  ATCAAGGCCC
15481  TCAAAACAAA  GCACATTGGC  GCGGTAGCCC  TCGACGTGTA  CGAGGCCGAA  GGCTCACTGT
15541  TCTACGACGA  CCACTCCGGT  GAGATTATCC  ACGACGATGT  CCTCATGCGC  CTCATGACAT
15601  TCCCCAACGT  CATCGTCACG  GGACACCAGG  CCTTCTTCAC  CGAAGAGGCG  CTCGAGGAGA
15661  TTGCACAGTG  CACGCTGCGT  AACCTGGAGG  AGTTCATCAA  GGAGGGAACA  TGCAAGAACT
15721  CGCTGACCAA  GGAGCCCGAA  TTGAGGTCCA  AGGTCCCTGA  CCCGGTGCGC  AATGTTTAAA
15781  TTGATGTGGA  TGATTGAATT  CTATATTCTG  GTATCTCTGT  CTATGTACGG  TCATCTGAAA
15841  CTTTTGATGC  TGGTTAAATG  GTGAGTCCTG  CTAACGCCAC  ACACAAACAC  ACACACGCAC
15901  ACACACAGNG  CATATTGAGA  CGAAACTGGG  GAAAGCTAAG  TATCAATAAA  ACACAAAACG
15961  AAATGGACGG  AAGGATATCT  CCCGCTCTAG  TATATAAGGC  GTACGAAAAC  ACCCGTTGTA
16021  CAACCGCTTA  AG

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Figure 6 (SEQ ID NO 6) - Continued

14/18

1861 TCGTGAATGC GAGAGGAACA ATCGGACGCA TCATCGTATA TCAGAAACCG CGAGCGCGAC
 1921 AAGCGGACAC AGTGAACCAG AGCATCAGAG CCGAGATTGT AATTGATGAG GGCAGGAGCA
 1981 GCACCGATAG ACAGTAGACC CATCCAGATG AACATCAGCT CCGGCGAGTT GTACAGATAA
 2041 ACACCGACGT GCTGCCCGGC CACCACGCCC AGATCGCGGA AGTAGTGGCC ATACTGACAT
 2101 GCGCGTTGGT ACGTCTGCGT CCACGAGTAC TCGGGGTGCC CGCGCGACCA GATGCAAGGT
 2161 GCATCGCCGA GCGGGGCAGC GCGGCCTCG AAGAGGAAGA AGCCAGATGC CTTGCGCTGC
 2221 TCAACAGCTC TGGCGAAGTT CTGGGCCCCC CGTTCGGCGC GGGCGAGCTG GTTGAGGTCC
 2281 TTGCTGAGGT GAAGCTTGGC GTCGAGGTAG GCAGCGGCGG CGGTGCTGGC GGCAGCGCGG
 2341 CCACCGAGGG TTAGTAGGCC GCCGGGTGCC ATTGGGGATT GCCGTTATGC TCCCGTGTGT
 2401 GCTTGTGTCT TTGCGAGCGA TGTCTTGCC TCCGAGACAT TGGTGCTGGT GCTGGTGGCT
 2461 TTGACTGTCT CGGAGAAGGG TGTAAAGTAT CGTGCGATCG GGAGTCCAAA AGTTGACCAA
 2521 ACACCGACAC AACCAGTATT GACGAATAGT TGTGAAGAC TGCTAGCCTC GGCACCCAGA
 2581 AGCTTGGGAG ACCTGATGGT GTGGCGGGTC TGTGGGTTTG GGCCTTTTGG GGAGGGGGCC
 2641 AAGGGACATG GATGGAGGGA GATCGGCGGC GATGTTGCGG CCGCACTAAC AAGAGGTGTC
 2701 CGTACGTCCG GACTCCGTAC GGTACTGTAC GGCGCCCGTG GAACCAGGCA CTGAAGATTC
 2761 AAGGACTGTT CCTGTCGGAT ATGGCCGCGG CCATGCGTGT CCAGGTTATA GTCTCGACTA
 2821 CATAAAACA TTGTACCTTA CGTAAAASAA CATGACAGT AATACGCTGA CTCTTGGCTA
 2881 CGGGATGATA TTTACTGCCC AAGACCGACG CCAAGCAGCG CATACTGTAC GCATAGGCTA
 2941 CGTGGTGGAA ACACCGTGGC CAACTCATCC CTTTCGTACGG TACAACAGCC GGACAGGGGG
 3001 TGAGGGCGGG TCGGCTCCGC GGGCAGAAST GCTTACAGCT TAAGAGCTAG TGGTTAAGGT
 3061 TACATGTAAT AAGCATTGGT CTGGATCGAA TCAGATGCTG TGCCTTGACT GGATCGAGCG
 3121 GGCCGGCCCC CTGCGTCTTA ATATAGCAAG TACCCGTGAC TATGTAAGTT GTACATGTAC
 3181 ATCTGTGCTG CCACAGGAGC GCCTATAATG TACACCCACC TTGCACGAAC ATTACATTGA
 3241 TACTTGCGTT TCTCCGTACA TGACAGGGGG GTGATATTAC AGTACATGCT CCGCCAAGTA
 3301 ATACAAGACA CGGACCATCG GAGGCAAACA TTTGTACTGC AGAATGATGC CTGATTTAGG
 3361 CGCACAGTCT GCATACATGC CATGCCATAA TGAGGTCGTG TATCCGTAGT CTGTGCTCTG
 3421 GATGACTATG AATTATGTCT GAAGTTATTA CTTGGCAACA ACCTGCTTGC CCAACTGGGC
 3481 AGGTTTCATT CATGATGGGA GGATGGAGAC GATGAGTCTA TCCTTGGACA CTGGCATGCG
 3541 CCCCCTCCTT GGTGCAGCTA GATTTTCAGC TTCGATGCAC AGGCTCCGCC CTTGATACTA
 3601 CAGCAGAGTA CATGCCGAGA CAAGAATCTT CAACGTCCCC GATGCGCTTT TGATATCCAC
 3661 CCATGTTTTT ATAGTCGCTG CGCGGTATCG GACCCGAGTC GTCTGTACAC GTGGGTAGAA
 3721 GTTACGCGAA TGCCACCTCA CCACGCTGCA CCATCCATGC CGAGGCAGGC TTCGAGATTG
 3781 CAAGTACGGA CTACAATAAC ATCAAATGGC ATGGTGGGAT TTCCGCTGAC CACCTGCCGA
 3841 CATTACATGT TGTAGTCTTG ACCATTACAG CGGTTAATCC CACCTCGATG GACCCCTCTC
 3901 GCCCACATCC GCTATCCGGC AAGCTTGTCT TAGAGCTCGC GGGGCTAGCC CCAGGTCCGT
 3961 CATCCATAGC CACTTTCATG TTGCTCTGCC GAGAGGCCTA CGCATAGAAG CCGCTTCTTG
 4021 CGCTCACGCA CTAACTCGCG CATCCAGGC CCATTCTGTG GCATGCTCTT GGCAGACTAT
 4081 GGCGCCTCAG TACTCCGCAT CGACGGACCG CGATCCCCAA AGGGGGACGT CCTGGCGAGG
 4141 AACAAGTCGT CCATCTGCAT CGACTTGAAG CATCCGCCCT CACGCAAGGT GCTCCTCTCC
 4201 ATCCTGTCCC GCGCGGACGT GCTCATCGAC CCGTTCCGGC CCGGCGTCCT GGAGCGTCTG
 4261 GGGCTCTCCC CCACAGAGGT CCTTCTCAAG GCGAATGCCC GCCTGGTGGT CGCCCGTCTC

Figure 6 (SEQ ID NO 6) - Continued

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4321   ACCGGCTTCC GCGGAGATGG CAAGTACCAG GACATGGCAG GCCATGATAT CAACTACCTC
4381   GCCGTGTCTG GCGTCCTGGC TATGCTTGGT AGGGCAGGCG AGAATCCCTT CCCGCCGGCC
4441   AACATCCTCG GCGACTTTGC CGGAGGGGGC GCCATGTGCG TCGTGGGAAT TCTGCTGGCG
4501   CTCGTATCGC GCGATGCCAC GGGGCTTGGC CAGGTCGTCC AGGCCAACAT GGTGGACGGG
4561   TCTGCGTACC TGGCCACGAT GCCGCGCCTG GCGACCAAGA CGCCCTTCTG GGGTTCCCCG
4621   CGGGGCGAGA ATGTCCTGGA CGGAGGATGC CCCTGGTATG CGACATACCG GACAAAGGAC
4681   CCCGGCGGGA AGTACATGGC CGTGGGAGCG CTGGAGCCTC ACTTCTACGA GGTGCTGGTG
4741   CGAGGTCTGG GCCTGGACAA GACGGACCTG CCTCCGCGGG AGGATAGGGC CAATTGGCCG
4801   AGACTGAGGG CGCTATTCTGA GGCAAAATTT GCGGAGAGGA CGCGCAGCGA GTGGGCGGAG
4861   GTCTTTGACG GGACGGATGC CTGCGTCACC CCGGTCCTGG AGCAAGGTGA GCTGGAGAAG
4921   GCGGGCTTCG AACACGGCT TCCCGTGAAT TTGGGGGCCA CGCCGGGAAA GCCTATTCTT
4981   CCCGGACAGG GTGATTGGAC GGGGCGGACC CTTGCCAAGG GCCATGGAGG AGAGGAGATC
5041   CTGCGCCGGT GGATTGGGTG GGAAAGGGGG GTTGACTACC ACGTTAGGA GAATAGCGGA
5101   ATTCTCGTCG CTTGTTTCGG GGAAAAGTTG TAGGCAGGCA GGCAGGCCAT GCTGGTACAT
5161   GCATGCAATG TTGGCCGCTT ATGTACGTAT GTGCATACAT AAACATTGAC AATAGTGGTG
5221   TCATGAAGGA GGAGGGGGGG GGTGGGTTTC GGCCCCTGAC GGTGGCTTGA TCGGGACATG
5281   GACGCCGCAT CGTCAGCGGA GTCAAGCCTC CCGACAGACC TGCCGACCCG ACATCCGAGT
5341   ATCTGTACGT AAGATTGCAT ACCAACAATG TACACCTACT TCCTACGGTT CCAGGATTTT
5401   CTCTCTGGAG GTTGCATGGA GCGAAATGAA AAAAGAAATG CTGCTGCCTG TGTGGAATT
5461   CACAGCCTTG GGATGCGACC TCCCTTTTCA CCGTCTTCAT CCTCGTTGGG GACTCTCAAC
5521   CATGCTGCTG TCGCACTGAG ATAATACAAG GCGTAATTAC TGCAGCGGTA CGTCGTAATT
5581   GGACTTACTT TTGTACGACA GTTGATGTCC AGCGGCATAA AAAGCCTCAG CCGCCAAGAC
5641   TGGCAGACTT CTGCAGCCCT ATCTTGATAT GATCACCCCA TAGGCCGAGG CCCTGTGCTC
5701   GAATCCCGCA CGAAGCCGGA TTCATGTGTA TTCCCAAGGG GGTGAGGACG GAACTCTTAT
5761   TTCGACCTCC GGGGGGCCGA GTTCTAGTCC GCTAACCTTC ACGGCTACAC CGTCCCTCGC
5821   GTCTCAACTA GCCATATAAG TCCTAGGTAA AGAGGTTAAA GTAGGTAGGA AAGGAACTTG
5881   TGGCTTGGCG GATCC

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Figure 7 (SEQ ID NO 7) - Continued

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1861      CTGGGGTGAG AGGGCGAAGG AGTAGTTCGA CCAGTCGCAG CGCACCCAGA GCCGCAGGTT
1921      TTATCGGATG TTGCTTCGAT CCGATCGTAT CCCGCGCGGC CTAGATCTTG CTAATACGAG
1981      TCGGAGAGTT ACTATTCCGG GCTTATGCGG ACGGGCCGCC GCCGTCGATG CCGGCCAAGG
2041      CTTGTCTGTC ATGATAGATG CTGCCGTCGG CCCAAGTGGC CCGTCTAAAG CCGGACCCCT
2101      TTCCCCCGAG TCTCTCCCCG ATCCCGCACG GGGCCGTCAC TTTCGCTGCC CTCGCTCCTT
2161      GTCATAACCT ACCTATATTG TCATCCCGGC AAATGCTGCG GGATAGCCTC ACCTACAGCC
2221      ACACGTCGCC CACCATGTCG CCTCAGATCG CCAATCGCTT CGAGGCTTCG CTAGATGCCC
2281      AAGACATAGC CAGAATATCG CTCTTCACAC TGGAACTGCG CGTCATCCTT CGCGATGTAC
2341      CCGTGGCATA CAAATCGTGG GGTCGCATGA ATGTCTCAAG GGATAACTGC GTCATCGTCT
2401      GCCACACCTT GACGAGCAGC GCCCATGTCA CCTCGTGGTG GCCCAGACTG TTTGGCCAAG
2461      GCAGGGCTTT CGATACCTCT CGCTACTTCA TCATCTGCCT AAATTATCTC GGGAGCCCCT
2521      TTGGGAGTGC TGGACCATGT TCACCGGACC CCGATGCAGA AGGCCAGCGC CCGTACGGGG
2581      CCAAGTTTCC TCGCACGACG ATTCGAGATG ATGTTGCGTA GGTAAAGCGCA CCGATCCAGC
2641      TTGTCTCAAT ATCGAGTGGT CAGGACAATC CAGGCTAAGC TTTCCGTGTC CAAAAGTATT
2701      CATCGCCAGG TGCTCGACAG GTTAGGCGTC AGGCAAATTG CTGCCGTAGT CGGCGCATCC
2761      ATGGGTGGAA TGCACACTCT GGAATGGGCC TTCTTTGGTC CCGAGTACGT GCGAAAGATT
2821      GTGCCCATCG CGACATCATG CCGTCAGAGC GGCTGGTGCG CAGCTTGGTT CGAGACACAG
2881      AGGCAGTGCA TCTATGATGA CCCCAGTAC CTGGACGGGG AGTACGACGT AGACGACCAG
2941      CCTGTCCGGG GGCTCGAAAC AGCGCGCAAG ATTGCGAATC TCACGTACAA GAGCAAACCT
3001      GCGATGCACG AGCGCTCCA TATGGCTCCA GGAGTCCAAG CCGGTGAGTT TATAGATGCC
3061      TTGCCGTCGG TCGATGCTCA GAGCTAATCA GACCGAACCC GCTGCTAGGC CGGAATATCA
3121      GCAGCCAGGA TGCGAAGAAG GAAATCAACG GCACAGACAG CGGCAACAGC CACCGTGCTG
3181      GCCAGCCCAT TGAAGCCGTA TCTTCTATC TCCGGTACCA GGCCAGAAAG TTTGCCGCGA
3241      GCTTCGACGC CAACTGCTAC ATCGCCATGA CACTCAAGTT CGACACCCAC GACATCAGCA
3301      GAGGCCGGGC AGGATCAATC CCGGAGGCTC TGGCAATGAT TACACAACCA GCGTTGATCA
3361      TTTGCGCCAG GTCAGACGGT CTGTACTCGT TTGACGAGCA CGTTGAGATG GGGCGCAGTA
3421      TCCCAAACAG TCGTCTTTGC GTGGTGGACA CGAATGAGGG TCATGACTTC TTTGTAATGG
3481      AAGCGGACAA GGTAAATGAT GCCGTCAGAG GATTCCCTCGA TCAGTCATTA ATGTGAGGCT
3541      ATGGAGGTGT CAGCCTGCCG GTGCGCGTAC TTGCCAGGGT GATCGATGTA CTCTCAGATA
3601      GTCTCCATGT GAGTATGGAT TTCGCTGTTT CCGCTCGGAT ATAGGCACTC TCAGGCCATC
3661      TCGCAGTAGG TATCAGAACA GCAGCTGAGG CCTTCTCGGA AAGTAGGTTG TGTCAATAGA
3721      TTCATAAAGC GTCAAATAAA GCCCAAAGTC GCAGTAGACT CATCGCATCG CAAGTCTCAG
3781      AGGGTCGACT CGGCAGATTC GAGGCATTGT AGCACATTGT CGAGGCATTG AGGCGGAGAC
3841      TTGACCCATC CAACTCGGCC AGAGGCAGCA GGCAAAGCAT CTCAGCGTAG GCTCCATGCA
3901      AAACATGCGT GGCTCAACTC AGCAAGCTCA TTGCCAACGA GGTCAAAGAA AATAGAAGGT
3961      AGCGGAGGCA GCGGGGTATC GTAGTAACAC CGTCCACATA ACACGGGCTC AGCGGAGCAA
4021      CGTAGTACCT ACTCGTATAG AGGCACCGCG TCAGGAGAGG TATCAGAAAC CTCATGATTC
4081      TATCGCCATG CTGCTGCGAA CACTAACAAA TGATAAACAA GGGCCCATGC TGTGTGATGA
4141      TGATTCAAGC AGGTGTCGT GGTCCAGGTT TGGTGCCCGA GCCCCGCACA GCTGAAGATG
4201      ACGCGTCTCG CTGTCGCGCC TTCCACGACC CAGAAGTTGA TGTGCAGAAT GGGCAGTGAG
4261      TGAACCTGGG CGGGAGTGAT GGAAGGTGCC TACCCTGTAC AACCAACTAC GTCGGTACTC

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Figure 7 (SEQ ID NO 7) - Continued

4321 GTAGGAGCAA TAGCGATGAA GCGTCGGGAG AGAAGTGTGA ATTACTCTGG TACCTGGTAC
4381 TTGATGCAAC ATAGCACATT TCACCCATCA AAGCTAGGTC CCGCGGCCTG GGAGTGGAAT
4441 GGTGAAAGAC ACCGAGGCAA ATGCGGCATG AATGAGGAAG CACGGACGAG TCGTGGTTTC
4501 ACAAGAGACA CTCTGACCGA CCACAAGATT CGGCAGTACA GTCACAGCAT CACCATCGGC
4561 AGTCAGACAT GATTCAGAGC CAGGTCTTCG GCAGAGGGAA TTAGATACAC CTCGGCCACCG
4621 GCG